

## Product datasheet for SC336135

### Gamma tubulin complex component 3 (TUBGCP3) (NM\_001286279) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gamma tubulin complex component 3 (TUBGCP3) (NM_001286279) Human Untagged Clone
Tag:	Tag Free
Symbol:	TUBGCP3
Synonyms:	104p; ALP6; GCP3; Grip104; SPBC98; Spc98; Spc98p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336135 representing NM_001286279. Blue=Insert sequence Red=Cloning site Green=Tag(s)

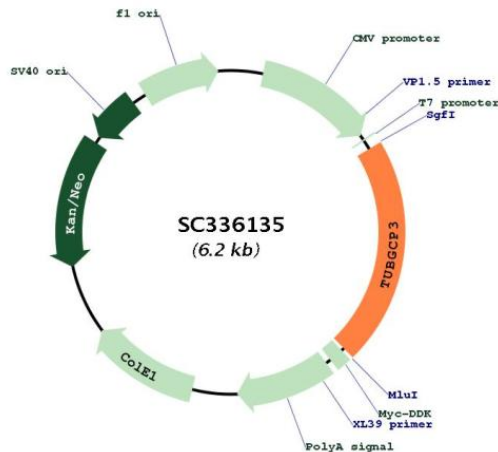
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001286279

Insert Size: 1320 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM\\_001286279.1](#)

RefSeq Size: 2529 bp

RefSeq ORF: 1320 bp

Locus ID: 10426

UniProt ID: [Q96CW5](#)

Cytogenetics: 13q34

Protein Families: Druggable Genome

**MW:** 49.3 kDa

**Gene Summary:** Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (4) lacks multiple 3' exons and its 3' terminal exon extends past a splice site that is used in variant 1, resulting in a distinct 3' coding region and 3' UTR. The encoded isoform (4) has a distinct C-terminus and is shorter than isoform 1.